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## FAX TRANSMISSION

SEP 10 2002

GROUP 1600

DATE: September 9, 2002

PTO IDENTIFIER: Application Number 09/661,453  
Patent Number

Inventor: Ruben et al.

OFFICIAL

MESSAGE TO: A. Marschel

FAX NUMBER: (703) 308-4242

FROM: HUMAN GENOME SCIENCES, INC.

Janet M. Martincau

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Attorney Dkt. #: PZ038P1

PAGES (Including Cover Sheet): 17

## CONTENTS:

Certificate of Transmission Under 37 CFR 1.8  
Fcc Transmittal;  
Response and Amendment Under 37 C.F.R. § 1.111;  
Version With Markings To Show Changes Made;  
Declaration of George Komatsoulis Under 37 C.F.R. § 1.132 (Exhibit A)

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9410 Key West Avenue, Rockville, Maryland 20850

PTO/SB/97 (12-97)

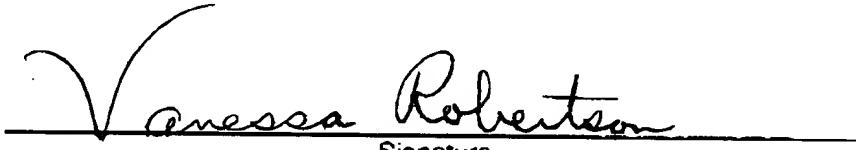
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## Certificate of Transmission Under 37 CFR 1.8

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on September 9, 2002  
Date

  
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Vanessa Robertson  
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Fee Transmittal;

Response and Amendment Under 37 C.F.R. § 1.111;

Version With Markings To Show Changes Made;

Declaration of George Komatsoulis Under 37 C.F.R. § 1.132  
(Exhibit A).

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

Applicant claims small entity status See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$0.00)</b>
--------------------------------	-----------------

**METHOD OF PAYMENT (check all that apply)**

Check  Credit Card  Money Order  Other  None  
 Deposit Account

Deposit Account Number **08-3425**

Deposit Account Name **Human Genome Sciences, Inc.**

The Commissioner is hereby authorized to (check all that apply)

Charge fee(s) indicated below  Credit any overpayment to  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

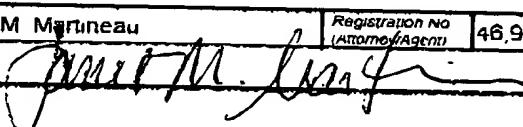
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>					

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims	Fee from Date	Fee Paid
Total Claims	62	-73** =		0.00
Independent Claims	31	-12** =		0.00
Multiple Dependent				
<b>SUBTOTAL (2) (\$)</b>				

\*\* or number previously paid, if greater. For Reissues, see above

**SUBMITTED BY**

Name (Print/Type)	Janet M. Martineau	Registration No (Attorney/Agent)	46,903	Telephone	(301) 315-2723
Signature				Date	September 9, 2002

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no 703 308-4242, on the date shown below

Dated 9-9-02

Signature Vanessa Robertson (Vanessa Robertson)

<b>Complete if Known</b>	
Application Number	09/661,453
Filing Date	September 13, 2000
First Named Inventor	Steven M. Ruben
Examiner Name	A. Marschel
Group Art Unit	1631
Attorney Docket No	PZ038P1

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid		
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	85	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
138	130	138	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	820*	112	820*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	450	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
130	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or release)	
143	450	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(e))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(d))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**